

Scotland's Rural College

Scottish Recommended List for Cereals 2016

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Scottish Recommended List for Cereals 2016

Tables

Data from AHDB Recommended List Trials



Scottish Recommended List for Cereals 2016

Spring barley Yield of 100 = 7.0 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Malting use Brewing, Distilling, Grain Distilling	IBD† Malting Approval (see footnote)	Feed use‡ (See footnote)	Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- Concerto	Straw Strength 1 to 9; weak to stiff	Straw length (cm) no PGR	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2016	P1	Laureate	109	13	B & D	T	√	3.0	66.4	0	7	73	8	8	6	[7]
2015	P2	Olympus	105	16	D & GD	P	√	4.8	66.8	0	7	74	6	9	6	6
2015	P2	Octavia	105	16	B & D	P	√	3.2	66.7	-1	6	73	6	9	6	7
2015	P2	Sienna	103	14	B & D	P	√	3.2	70.7	0	7	78	8	9	6	6
2012	R	Odyssey	101	17	B & D	F		3.5	68.1	0	6	75	8	9	6	6
2009	R	Concerto	95	15	B & D	F		2.8	68.8	0	6	79	8	8	4	6
2008	R	Belgravia	93	14	D & GD	F		4.1	67.8	-1	---	78	7	[8]	5	6
2015	P2	RGT Planet	107	16	B	P	√	3.8	67.8	-1	7	74	8	9	5	8
2014	P3	KWS Irina	107	16	B	F	√	4.2	65.9	-1	8	70	9	9	5	7
2010	R	Propino	102	16	B	F	√	2.3	68.0	-1	7	76	8	6	6	6
2015	P2	Scholar	107	16	Feed	No	√	5.8	68.3	0	7	69	9	9	5	8
2005	R	Waggon	100	15	Feed	No	√	---	67.4	-2	7	75	8	[9]	3	8

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† = Institute of Brewing and Distilling	--- = Insufficient information
P1, P2 and P3 = Provisional Year 1, 2 and 3	F = IBD Full Approval	[] = AHDB limited data
O = Becoming outclassed	P = IBD Provisional Approval	‡ High yielding malting varieties can also be considered for feed use
	T = Under test as a malting variety	

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

Scottish Recommended List for Cereals 2016

Winter barley Yield of 100 = 8.8 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % control		IBD† Malting Approval (see footnote)	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- Cassata	Straw Strength 1 to 9; weak to stiff	Straw length (cm) with PGR	Disease resistance 1 susceptible to 9 resistant			Ramularia % (low % = more resistant)
					Light soil	Heavy soil							Mildew	Rhyncho-sporium	Net Blotch	
2007	S	Cassata	91	16	91	91	F	4.6	68.5	0	8	90	4	6	3	6
1999	S	Pearl	88	16	89	87	F	3.6	70.5	0	7	98	6	5	5	3
2016	P1	KWS Orwell	102	19	103	100	No	4.8	67.7	0	8	85	3	6	5	2
2015	P2	KWS Infinity	102	22	101	101	No	6.9	68.0	0	7	88	3	6	5	4
2014	R	KWS Tower	102	21	102	100	No	4.0	67.6	0	7	89	5	6	4	5
2013	R	KWS Glacier	101	20	100	102	No	5.2	69.5	-1	6	83	3	5	6	5
2010	R	KWS Cassia	100	16	98	97	No	3.8	70.8	0	7	88	4	4	6	2
2012	R	KWS Meridian	No longer on the AHDB RL				No	Refer to thumbnail sketches for agronomic information								
2016	P1	Bazooka	108	17	109	106	No	8.1	68.4	-1	8	108	5	8	6	---
2016	P1	Belfry	107	16	106	105	No	9.0	67.4	-1	8	100	6	7	7	3
2009	R	Volume	105	21	105	104	No	13.4	68.1	-1	7	101	5	7	6	4

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† Institute of Brewing and Distilling	--- = Insufficient information
P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[] = AHDB limited data
S = Specific use variety	BaYMV: With the exception of Pearl, varieties listed have resistance to barley mild mosaic virus (BaMMV) and barley yellow mosaic virus (BaYMV) strain 1.	
O = Becoming outclassed		

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

Scottish Recommended List for Cereals 2016

Winter wheat Yield of 100 = 9.5 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 nd cereal	Quality markets			Specific weight (kg/hl)	HFN	Maturity days +/- JB Diego	Straw strength 1-9; weak to stiff	Straw length (cm) no PGR	Sprout-ing resistance	Disease resistance 1 susceptible to 9 resistant				
						Distill-ing	UK Milling	Export ‡							Mildew	Yellow rust	Septoria tritici	Eye-spot	Fus-arium
2013	R	Leeds	107	26	Good	Med	---	uks Y	77.8	198	+2	7	86	6	3	7	5	4	7
2013	R	Myriad	106	22	Mod	Med	---	uks [Y]	76.7	228	+2	6	89	[6]	6	8	5	5	6
2009	R	Viscount	105	25	Mod	Good	---	uks [Y]	76.2	177	+1	[7]	81	4	[7]	5	5	5	6
2012	R	Horatio	104	22	Mod	Med	---	uks Y	76.0	238	+1	7	89	6	8	5	5	5	6
2013	R	Revelation	103	14	Mod	Good	---	uks [Y]	76.2	236	+3	7	85	5	6	9	6	9	7
2016	P1	KWS Barrel	[113]	25	Good	Poor	Biscuit	uks [Y]	76.7	218	+1	[8]	83	[6]	7	8	5	[5]	6
2014	R	Zulu	105	19	Mod	Med	Biscuit	uks Y	75.9	225	+1	6	89	6	7	9	6	4	6
2015	P2	RGT Conversion	105	18	Mod	Good	Biscuit	---	76.2	226	+1	7	83	[4]	8	8	5	5	6
2016	P1	KWS Basset	[104]	19	Mod	Poor	Biscuit	uks [Y]	77.5	219	+1	[7]	85	[6]	4	9	5	[5]	6
2010	O	Invicta	No longer on the AHDB RL			Med	Biscuit	Refer to thumbnail sketches for agronomic information											
2015	P2	KWS Lili	108	21	Poor	Poor	Bread	ukp [Y]	76.9	283	+2	7	81	[7]	9	7	6	6	6
2016	P1	KWS Silverstone	[111]	19	Good	Poor	---	---	78.6	282	0	[5]	89	[6]	7	8	5	[5]	6
2015	P2	Reflection	107	17	Mod	Poor	---	---	77.6	230	0	7	81	[6]	7	6	5	5	6
2016	P1	KWS Siskin	[105]	9	Good	Poor	---	ukp [Y]	77.2	294	+1	[7]	83	[5]	9	9	7	[4]	6
2009	R	Grafton	101	20	Mod	Poor	---	---	77.9	293	-1	[8]	76	5	7	6	5	6	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ = Export potential	Y = suited to that market	Mod = moderate; Med = medium
P1 and P2 = Provisional Year 1 and 2	uks = soft wheat for export	[Y] = may be suited to that market	--- = Not applicable
S = Specific use variety	ukp = bread wheat for export		[] = AHDB limited data
O = Becoming outclassed	HFN = Hagberg falling number		

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

Scottish Recommended List for Cereals 2016

Spring oats (Yield of 100 = 8.2 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm) no PGR	Crown Rust (1 to 9)	Mildew (1 to 9)
2015	P2	Aspen	108	17	77.8	1.8	55.2	-1	7	108	4	6
2015	P2	Montrose	103	16	76.8	1.2	56.0	-1	7	113	3	4
2011	R	Canyon	102	9	75.9	1.7	55.5	-1	7	119	5	8
2000	R	Firth	99	13	78.5	2.9	54.2	0	7	110	5	7
2014	P3	Conway	98	11	78.1	1.9	54.7	0	8	112	4	7

Winter oats (Yield of 100 = 8.4 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Mascani	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2016	P1	RGT Lineout	102	---	76.3	4.5	53.2	-2	[7]	111	6	[4]
1993	R	Gerald	100	---	74.1	3.0	53.8	+2	5	115	5	3
2003	R	Dalguise	100	---	76.0	3.2	54.7	-1	4	117	4	3
2004	O	Mascani	97	---	78.0	1.4	54.8	0	6	114	7	5

Spring wheat (Yield of 100 = 7.5 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	nabim Group	Hagberg falling number	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength 1-9; weak to stiff	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2003	R	Tybalt	101	19	2	303	75.9	0	---	79	6	8
2011	R	Mulika	97	18	1	309	77.7	0	---	82	6	[7]

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

O = Becoming outclassed

[] = AHDB limited data

P1, P2 and P3 = Provisional Year 1, 2 and 3

S = Specific use variety

--- = Insufficient information

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>